

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 2    | "5,787,485".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/25 12:13 |
| L2    | 2    | "6,804,755".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/25 12:13 |
| S35   | 2    | "7080198".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23 17:03 |
| S36   | 13   | write adj transaction\$1 same tag\$1 and tag\$1 near3 generat\$3 and (virtual logical) and "711"/\$3.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23 17:03 |
| S37   | 1085 | 711/203.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23 17:03 |
| S38   | 66   | write adj transaction\$1 with tag\$1 and "711"/\$3.ccls. and @ad<"20040227"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23 17:03 |
| S39   | 1    | S37 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/23 17:03 |

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|     |        |   |  |    |     |                  |
|-----|--------|---|--|----|-----|------------------|
| S40 | 12103  | mirror\$3 same (virtual logical)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S41 | 0      | write adj transaction\$1 same tag\$1<br>same generat\$3 and mirror\$3 same<br>(virtual logical)   | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S42 | 42     | write adj transaction\$1 same tag\$1<br>same generat\$3 and (virtual logical)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S43 | 0      | write adj transaction\$1 same tag\$1<br>same generat\$3 and mirror\$3 same<br>(virtual logical)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S44 | 0      | "write transaction" same tag\$1 same<br>(virtual logical) and mirror\$3 same<br>(virtual logical) | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S45 | 4728   | write adj transaction\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S46 | 265214 | tag\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S47 | 155    | S45 with S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |

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|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S48 | 66   | S47 and @ad<"20040227" and "711"/\$3.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S49 | 3886 | tag\$1 near2 generat\$3   | USPAT;<br>USOCR  | OR | OFF | 2007/04/24 14:28 |
| S50 | 3    | S49 and S48   | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S51 | 79   | S45 near5 S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S52 | 72   | S51 and @ad<"20040227"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S53 | 68   | S52 and 7\$2/\$3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S54 | 1    | S53 and S40   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S55 | 0    | "write transaction" same tag\$1 same (virtual logical) same mirror\$3 | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S56 | 1    | "6385705".PN.   | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S57 | 1    | "6557048".PN.   | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |

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|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S58 | 128 | S47 and @ad<"20040227" and 7\$2/\$3.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S59 | 1   | "6389526".PN.  | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S60 | 35  | write adj transaction\$1 with (field\$1 tag\$1 header\$1) with (includ\$3 compris\$3) and "711"/\$3.ccls. and @ad<"20040227"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S61 | 1   | "6418494".PN.  | USPAT;<br>USOCR  | OR | OFF | 2007/04/23 17:03 |
| S62 | 1   | write adj transaction\$1 with (field\$1 tag\$1 header\$1) near3 (includ\$3 compris\$3) same (relat\$3 link\$3) and "711"/\$3.ccls. and @ad<"20040227"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S63 | 1   | S37 and (S45 same S46) and @ad<"20040227"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S64 | 2   | "6,668,304".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/25 12:13 |
| S65 | 0   | write adj transaction\$1 with (field\$1 tag\$1 header\$1) with (includ\$3 compris\$3) and (cop\$4 mirror\$3) same (logical virtual) and "711"/\$3.ccls. and @ad<"20040227" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |

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|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S66 | 10  | write adj transaction\$1 with tag\$1<br>near3 (includ\$3 compris\$3) and<br>"711"/\$3.ccls. and @ad<"20040227" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S67 | 10  | write adj transaction\$1 with tag\$1 and<br>tag\$1 near3 generat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S68 | 155 | write adj transaction\$1 with tag\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:03 |
| S69 | 591 | 711/200.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/23 17:08 |
| S70 | 295 | 711/205.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/23 17:08 |
| S71 | 976 | 711/206.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/23 17:08 |
| S72 | 853 | 711/207.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/23 17:09 |

## EAST Search History

|     |      |                 |  |    |     |                  |
|-----|------|-----------------|--|----|-----|------------------|
| S73 | 223  | 711/208.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/23 17:09 |
| S74 | 1978 | 709/231.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:14 |
| S75 | 999  | 709/236.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:16 |
| S76 | 3    | "6,834,326".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:17 |
| S77 | 325  | 370/355.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:17 |
| S78 | 757  | 370/356.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:22 |
| S79 | 1979 | 709/245.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:22 |

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|     |         |  |  |    |     |                  |
|-----|---------|--|--|----|-----|------------------|
| S80 | 3822    | 709/227.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:22 |
| S81 | 1980    | 709/228.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/23 17:24 |
| S82 | 833     | (karr.in. jonnala.in. valiveti.in. joshi.in. )   | US-PGPUB   | OR | OFF | 2007/04/23 17:24 |
| S83 | 0       | S82 and "write transactions".clm.  | US-PGPUB   | OR | OFF | 2007/04/23 17:25 |
| S84 | 0       | S82 and (write adj transactions).clm.  | US-PGPUB   | OR | OFF | 2007/04/23 17:25 |
| S85 | 3762964 | @ad<"20040227"   | USPAT;<br>USOCR  | OR | OFF | 2007/04/24 14:28 |
| S86 | 1       | S85 and mirrored adj (transaction write) same (tag ID identifier label) with (identical "same") same (data blocks stripes) | USPAT;<br>USOCR  | OR | ON  | 2007/04/24 14:29 |
| S87 | 3       | S85 and mirrored adj (transaction write) same (tag ID identifier label) with (data blocks stripes)                         | USPAT;<br>USOCR  | OR | ON  | 2007/04/24 14:31 |
| S88 | 3       | S85 and mirrored adj (transaction write) with (tag ID identifier label)  | USPAT;<br>USOCR  | OR | ON  | 2007/04/24 14:32 |
| S89 | 11      | S85 and mirrored adj (transaction write) same (tag ID identifier label)  | USPAT;<br>USOCR  | OR | ON  | 2007/04/24 14:33 |
| S90 | 11      | S85 and mirrored adj (transaction write) same (tag ID identifier label)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/24 14:33 |
| S91 | 151     | S85 and mirror\$3 with (transaction write) same (tag\$4 ID identi\$5 label\$3) with (identical "same" equivalent)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/24 14:34 |

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|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S92 | 5  | S85 and mirror\$3 near2 (transaction write) same (tag\$4 ID identi\$5 label\$3) near3 (identical "same" equivalent)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 15:39 |
| S93 | 56 | S85 and mirror\$3 near2 (transaction write) and (tag\$4 ID identi\$5 label\$3) with (table TLB) same (logical virtual)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 15:45 |
| S94 | 0  | S85 and mirror\$3 near2 (transaction write) same (tag\$4 ID identi\$5 label\$3) with (table TLB) same (logical virtual)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 15:43 |
| S95 | 29 | S85 and mirror\$3 near2 (transaction write) and (tag\$4 ID identi\$5 label\$3) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 15:53 |
| S96 | 7  | S85 and mirror\$3 near2 (transaction write) and (tag\$4 ID identifier label\$3) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 17:03 |
| S97 | 6  | ("6029166"   "6038639"   "6058054"   "6078932"   "6161111"   "6212531").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/04/24 16:32 |
| S98 | 90 | S85 and mirror\$3 and (tag\$4 ID identifier label\$3) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 17:30 |



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|          |     |  |  |    |     |                  |
|----------|-----|--|--|----|-----|------------------|
| S99      | 24  | S85 and mirror\$3 and (tag\$4 ID identifier\$1 label\$3) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual) same tables | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24 17:25 |
| S10<br>0 | 0   | S85 and mirror\$3 same "tag tables"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24 17:26 |
| S10<br>1 | 1   | S85 and mirror\$3 same tag adj table\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/24 17:26 |
| S10<br>2 | 145 | S85 and mirror\$3 and (tag\$4 ID identifier label\$3 pointer) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/24 17:32 |
| S10<br>3 | 20  | S85 and mirror\$3 same (tag\$4 ID identifier label\$3 pointer) with (stor\$3 sav\$3 retain\$3) with (table TLB) same (logical virtual)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/24 17:47 |
| S10<br>4 | 11  | ("6804755").URPN.  | USPAT  | OR | ON  | 2007/04/24 17:45 |
| S10<br>5 | 6   | ("6029166"   "6038639"   "6058054"   "6078932"   "6161111"   "6212531").PN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON  | 2007/04/24 17:45 |
| S10<br>6 | 79  | S85 and (mirror\$3 duplicat\$3 cop\$4) same (tag\$4 ID identifier label\$3 pointer) with (table TLB) same (logical virtual) same object      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/24 17:50 |

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|          |    |   |  |    |    |                  |
|----------|----|---|--|----|----|------------------|
| S10<br>7 | 3  | S85 and (mirror\$3 duplicat\$3 cop\$4) same (tag\$4 ID identifier label\$3 pointer) with table with (separate different) same (logical virtual) same object | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 17:51 |
| S10<br>8 | 16 | S85 and (mirror\$3 duplicat\$3 cop\$4) same (tag\$4 ID identifier label\$3 pointer) with table with (separate different) same (logical virtual)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 19:21 |
| S10<br>9 | 83 | S85 and (mirror\$3 duplicat\$3 cop\$4) same (tag\$4 ID identifier label\$3 pointer) with table same (logical virtual) and entr\$3 with match\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 19:27 |
| S11<br>0 | 33 | S85 and (mirror\$3 duplicat\$3 cop\$4) same (tag\$4 ID identifier label\$3 pointer) with table same (logical virtual) same entr\$3 with match\$3            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 19:33 |
| S11<br>1 | 88 | S85 and tag\$4 with table same (logical virtual) same entr\$3 with match\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 19:38 |
| S11<br>2 | 22 | S85 and tag\$4 near3 table same (logical virtual) same entr\$3 near5 match\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 19:39 |